



PRODUCT INFORMATION LETTER

PIL IPD-IPC/12/7545
Dated 20 Nov 2012

STP16CPC26 : metal mask modification to extend the power supply range

Sales Type/product family label	see attached list
Type of change	Product design change
Reason for change	To extend the voltage supply functionality at 3.3V.
Description	We have performed a metal mask modification in order to extend the power supply range between 3V and 5.5V.
Forecasted date of implementation	13-Nov-2012
Forecasted date of samples for customer	13-Nov-2012
Forecasted date for STMicroelectronics change Qualification Plan results availability	13-Nov-2012
Involved ST facilities	Catania M5 (Italy)

DOCUMENT APPROVAL

Name	Function
Merisio, Massimiliano	Marketing Manager
Li Volsi, Nicola	Process Owner
Motta, Antonino	Q.A. Manager



WHAT:

We are going to introduce a new metal mask and test program on the current version of STP16CPC26 to extend the device voltage supply functionality from 3.3V up to 5V instead of the former 5V specified range.

The new testing setup is not expected to result in any impact on form, fit, function, quality or reliability of the product.

A new calculation method for chip to chip accuracy has been defined.

The STP16CPC26 is housed in four different packages:

Product Line	Commercial Product	Package
UA42	STP16CPC26MTR	SO-24
	STP16CPC26TTR	TSSOP 24
	STP16CPC26XTR	TSSOP 24 exposed pad
	STP16CPC26PTR	QSOP 24

WHY:

In order to extend the voltage supply functionality at 3.3V.

HOW:

The new device UA42AD5 has been qualified by extension on the former version UA42AC5.

WHEN:

Material of the new version will be available for orders in January 2013 considering our standard leadtime.

Samples of the STP16CPC26XTR are already available. Upon request we can deliver samples of the product housed in the other packages in three/four weeks A.R.O.

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